

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ROKZ20007PCT	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/US04/38334	International filing date (<i>day/month/year</i>) 16 November 2004 (16.11.2004)	(Earliest) Priority Date (<i>day/month/year</i>) 17 November 2003 (17.11.2003)
Applicant ROCKWELL AUTOMATION TECHNOLOGIES, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the Report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 6



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

b. ☐

none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/38334

A. CLASSIFICATION OF SUBJECT MATTER																										
IPC(7) : G06F 13/00																										
US CL : 710/300																										
According to International Patent Classification (IPC) or to both national classification and IPC																										
B. FIELDS SEARCHED																										
Minimum documentation searched (classification system followed by classification symbols) U.S. : 710/300; 455/41.2, 557; 700/19																										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																										
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IP-20, IP-67																										
C. DOCUMENTS CONSIDERED TO BE RELEVANT																										
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																								
X	US 2003/0050093 A1 (LICHT) 13 March 2003 (13.03.2003), paragraphs 17, 19-22.	1-3,5,8,14,17-19																								
Y		1-21																								
Y	US 2003/0003865 A1 (DEFOSSE et al.) 2 January 2003 (02.01.2003), paragraphs 11, 24, 32.	4,6-7,13,15																								
A	Flexible Electronic Systems, "New industrial PC with Pentium III processor", Instrumentation & Control, February 2002, 3pp (http://instrumentation.co.za/Article.ASP?pkArticleID=1662&pkIssueID=489).	9																								
Y	US 6,583,982 B2 (MANCINI et al.) 24 June 2003 (24.06.2003), column 5, lines 27-31.	10																								
Y	US 6,301,514 B1 (CANADA et al.) 9 October 2001 (09.10.2001), column 11, lines 61-65; column 9, lines 33-39.	11-12,20																								
Y	WO 02/089369 A1 (JOLLOTA et al.) 7 November 2002 (07.11.2002), p. 14, lines 9-12.	16																								
Y	US 2003/0171827 A1 (KEYES, IV et al.) 11 September 2003 (11.09.2003), paragraph 63	21																								
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																										
<table border="0"> <tr> <td colspan="2">* Special categories of cited documents:</td> <td>"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td>"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent published on or after the international filing date</td> <td>"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"&"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td></td> <td></td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table>			* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family	"O"	document referring to an oral disclosure, use, exhibition or other means			"P"	document published prior to the international filing date but later than the priority date claimed		
* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention																							
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"P"	document published prior to the international filing date but later than the priority date claimed																									
Date of the actual completion of the international search 15 July 2005 (15.07.2005)		Date of mailing of the international search report 29 JUL 2005																								
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-8300		Authorized officer Rehana Perveen Telephone No. 571-272-3950																								

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/38334

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0043052 A1 (TAPPERSON et al.) 6 March 2003 (06.03.2003), Figure 2.	1-21
A	Ezscreen, "Understanding IP and NEMA Ratings", (http://www.ezscreen.com/ip_ratings.htm).	9-10
A	US 2003/0105535 A1 (RAMMLER) 5 June 2003 (05.06.2003), Figures 13-15	1-21
A	US 6,633,823 B2 (BARTONE et al.) 14 October 2003 (14.10.2003), Figure 3.	1-21
A	US 6,647,735 B2 (STREET et al.) 18 November 2003 (18.11.2003), Figures 7-8, 11	1-4, 5,8,14,17-19